Checklist of the Lichens of Algonquin Provincial Park

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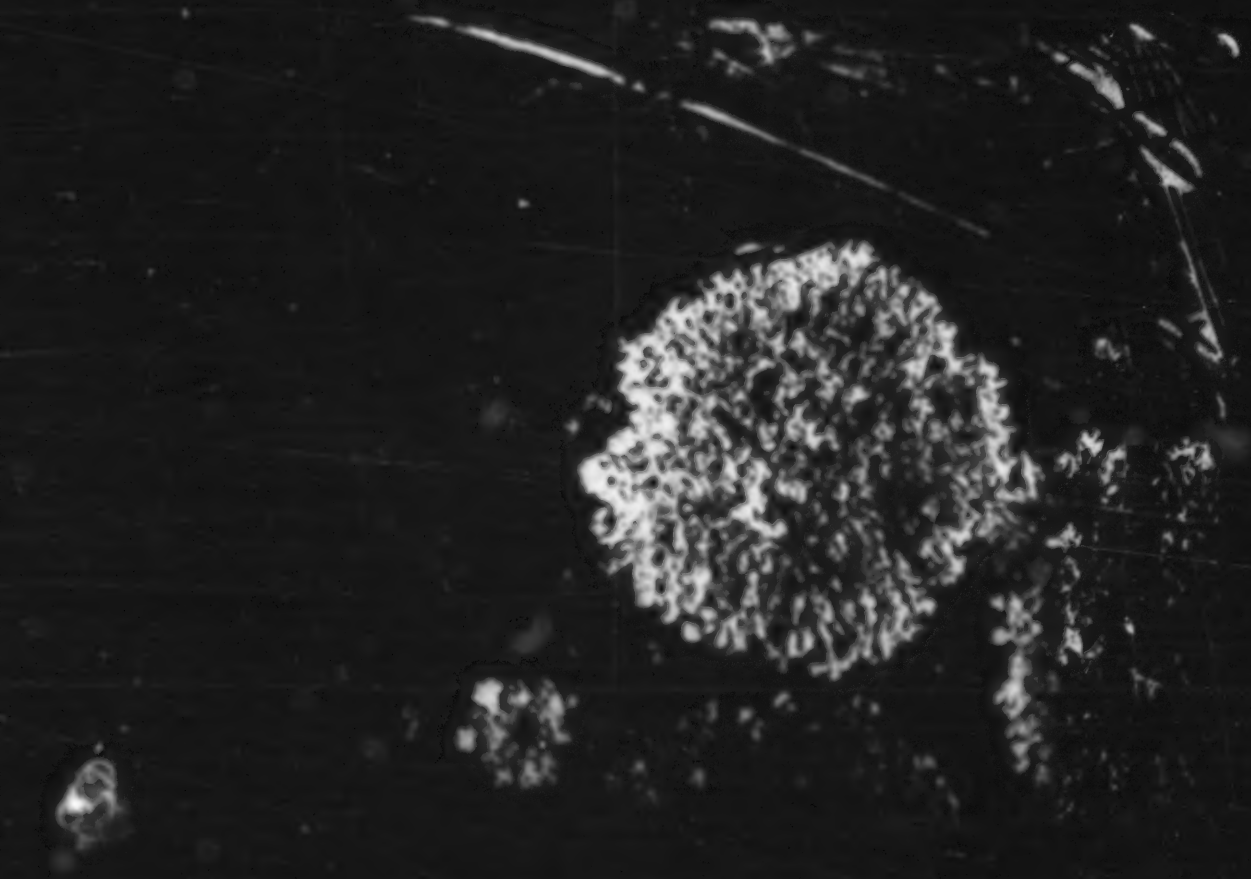

Checklist of the Lichens of Algonquin Provincial Park

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Algonquin Park is situated in central Ontario on the Canadian Shield. Its 7571 square kilometres occupy part of the District of Nipissing and northern Haliburton County. The park can be divided conveniently into two regions. The western side of the park lies on the Algonquin dome, an area of relatively high elevations, mostly between 395 m and 490 m above sea level. Hardwood forests growing on rich soils are characteristic. To the east the land falls toward the Ottawa Valley and on the park's eastern border 180 m elevations may be found. Coniferous forests growing on extensive sand deposits are conspicuous. The influence of both the Ottawa Valley and the ancient Fossmill Outlet of glacial Lake Algonquin enrich the flora in this region significantly.

The following revised list contains 165 species of lichens. The nomenclature and sequence used here follow "A Fourth Checklist of the Lichens of the Continental United States and Canada" (Hale and Culberson, 1970: Bryologist 73), except where more suitable names are found in the recent literature. Authorities have been omitted to save space. All species listed without an asterisk are supported by specimens in the herbarium of the Algonquin Park Museum (APM), and their identification has been verified at the National Museum of Natural Sciences (CANL) by Dr. I.M. Brodo and/or Mr. P.Y. Wong. Their valuable assistance is greatly appreciated. Species marked with a single asterisk(*) are represented by specimens at the National Museum (CANL), and those marked with a double asterisk(**) are represented in the personal collection of H.L. Dickson of Ottawa, Ontario.

There remains much to be learned about the lichen flora of Algonquin Park, and it is hoped that, with increased data, this list will continually be revised. Records of additional species will be welcomed at the Algonquin Park Museum.

Collemataceae (3)

Collema
- ___ nigrescens*
- ___ subfurvum*

Leptogium
- ___ americanum*
- ___ cyanescens*

Pannariaceae (7)

Pannaria
- ___ lanuginosa*

Peltigeraceae (8)

Peltigera
- ___ aphthosa
- ___ canina
- ___ horizontalis*
- ___ leucophlebia
- ___ polydactyla
- ___ praetextata
- ___ rufescens
- ___ scabrosa*
- ___ spuria

Nephromataceae (9)

Nephroma
- ___ bellum*
- ___ helveticum*

Stictaceae (10)

Lobaria
- ___ pulmonaria
- ___ quercizans
- ___ scrobiculata*

Pseudocyphellaria
- ___ crocata*

Lecideaceae (13)

Bacidia
- ___ chlorantha*
- ___ chlorococca
- ___ igniarii
- ___ rubella*
- ___ sabuletorum*
- ___ schweinitzii
- ___ sphaeroides*

Catillaria
- ___ laureri*

Lecidea
- ___ anthracophila*
- ___ crustulata
- ___ granulosa
- ___ uliginosa
- ___ vernalis*

Mycoblastus
- ___ sanguinarius

Rhizocarpon
- ___ disporum

Stereocaulaceae (14)

Stereocaulon
- ___ condensatum**
- ___ paschale
- ___ saxatile
- ___ tomentosum*

Cladoniaceae (16)

Cladina
- ___ arbuscula*
- ___ mitis
- ___ rangiferina
- ___ stellaris

Cladonia
- ___ amaurocraea*
- ___ bacillaris
- ___ botrytes*
- ___ cariosa
- ___ cenotea
- ___ chlorophaea

___ coniocraea
___ conista
___ cornuta
___ crispata
___ cristatella
___ deformis
___ digitata**
___ fimbriata
___ furcata
___ gonecha
___ gracilis
___ grayi
___ macilenta
___ merochlorophaea
___ multiformis
___ nemoxyna
___ phyllophora
___ pleurota
___ pyxidata
___ scabriuscula
___ squamosa
___ turgida
___ uncialis
___ verticillata

Umbilicariaceae (17)

Umbilicaria
___ deusta
___ mammulata
___ muhlenbergii
___ papulosa
___ vellea

Pertusariaceae (18)

Pertusaria
___ amara
___ multipuncta
___ ophthalmiza
___ pertusa*
___ velata

Acarosporaceae (19)

Acarospora
___ fuscata

Lecanoraceae (20)

Haematomma
___ elatinum
___ ochrophaeum

Icmadophila
___ ericetorum

Lecanora
___ caesiorubella*
___ chlarotera
___ chrysoleuca
___ cinerea
___ glabrata*
___ impudens
___ polytropa
___ subfusca*
___ subfuscata
___ subrugosa
___ thysanophora
___ verrucigera

Ochrolechia
___ parella
___ rosella*

Candelariaceae (21)

Candelaria
___ concolor

Candelariella
___ vitellina

Parmeliaceae (22)

Bryoria
___ furcellata
___ trichodes

Cetraria
___ ciliaris*
___ halei
___ juniperina*
___ oakesiana
___ orbata
___ pinastri
___ sepincola**

Cetrelia
___ cetrarioides*
___ olivetorum

Hypogymnia
___ physodes

Parmelia
___ aurulenta
___ caperata
___ conspersa
___ galbina*
___ glabratula*
___ plittii
___ rudecta
___ saxatilis*
___ sorediosa
___ squarrosa
___ sulcata
___ taractica

Parmeliopsis
___ aleurites

Platismatia
___ tuckermanii

Usneaceae (24)

Alectoria
___ americana*
___ nidulifera

Evernia
___ mesomorpha
___ prunastri*

Usnea
___ cavernosa
___ dasypoga*
___ hirta
___ longissima*
___ subfloridana*

Ramalinaceae (25)

Ramalina
___ calicaris*
___ fastigiata*
___ intermedia

Buelliaceae (26)

Buellia
___ disciformis

Physciaceae (27)

Physcia
___ aipolia
___ dubia*
___ millegrana
___ orbicularis

Physconia
___ grisea*

Pyxine
___ sorediata

Teloschistaceae (28)

Caloplaca
___ cerina*
___ stillicidiorum

Xanthoria
___ polycarpa

Ostropaceae (29)

Conotrema
___ urceolatum

Graphidaceae (32)

Graphis
___ scripta

Pyrenulaceae (33)

Eupyrenula
___ leucoplaca*

Plagiocarpa
___ hyalospora*

Verrucariaceae (35)

Dermatocarpon
___ fluviatile

Caliciaceae (36)

Calicium
___ parvum
___ trabinellum

Chaenotheca
___ brunneola

Coniocybe
___ furfuracea*

Mycocalicium
___ subtile

Arthoniaceae (39)

Arthonia
___ radiata*

Fungi Imperfecti (48)

Lepraria
___ incana
___ neglecta*

Genera of Uncertain Position (49)

Cystocoleus
___ niger**

_____

_____

Total: 165 Species

Other Algonquin Park Publications

This technical bulletin is only one of many publications published in cooperation with the Ministry of Natural Resources by The Friends of Algonquin Park. The Friends is a registered charitable organization with a volunteer board of directors and was established in 1983 to assist the Park with its educational and interpretive programs.

The following is a list of official Park publications available at The Friends' two bookstores (located at the Park Museum and the Pioneer Logging Exhibit) or by writing to the address below.

MAPS	(1988) Price
Canoe Routes of Algonquin Provincial Park	$2.50
Backpacking Trails of Algonquin Provincial Park	1.50
BOOKS	
Fishing in Algonquin Provincial Park	$1.50
Birds of Algonquin Provincial Park	1.50
Mammals of Algonquin Provincial Park	1.50
Reptiles and Amphibians of Algonquin	1.00
Pictorial History of Algonquin Provincial Park	1.50
Wildflowers of Algonquin Provincial Park	2.50
Mushrooms of Algonquin Provincial Park	2.50
Trees of Algonquin Provincial Park	2.95
TRAIL GUIDES	
Whiskey Rapids Trail	$0.35
Hardwood Lookout Trail	0.35
Mizzy Lake Trail	0.35
Peck Lake Trail	0.35
Hemlock Bluff Trail	0.35
Two Rivers Trail	0.35
Lookout Trail	0.35
Booth's Rock Trail	0.35
Spruce Bog Boardwalk	0.35
Beaver Pond Trail	0.35
Barron Canyon Trail	0.35
Brent Crater Trail	0.35
TECHNICAL BULLETINS	
No. 1, Checklist of the Butterflies of Algonquin	$0.75
No. 2, Checklist of the Bryophytes of Algonquin	0.50
No. 3, Wolf Howling in Algonquin Provincial Park	0.75
No. 4, Checklist of the Vascular Plants of Algonquin	1.00
No. 5, Acid Rain in Algonquin Provincial Park	0.75
No. 6, Checklist of the Conspicuous Fungi of Algonquin	1.00
No. 7, Checklist of the Lichens of Algonquin	0.50
No. 8, A Chronology of Algonquin Provincial Park	1.00

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